

020304  
U.S. PTO

17364

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PTO/SB/05 (08-03)

Approved for use through 7/31/2006. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53 (b))

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and duplicate for fee processing)*
2.  Specification [Total Pages: 31]
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed-sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Descriptions of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawings (35 U.S.C. 113) [Total Sheets: 11]
4. Oath or Declaration [Total Pages: ]
  - a.  Newly executed (original or copy)
  - b.  Copy from prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 16 completed)*
    - i  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

Attorney Docket No.: 102.0026

First Named Inventor or Application Identifier: Julian R. Cudmore, et al.

Title: System and Method for Optimizing Production in an Artificially Lifted Well

Express Mail Label No.: EV 335954425 US

ADDRESS TO:  
Mail Stop: Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

5.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
6.  Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
  - a.  Computer Readable Copy
  - b.  Paper Copy
  - c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7.  Assignment papers (cover sheet & document(s))
8.  37 C.F.R. 3.73(b) Statement  Power of Attorney (*when there is an assignee*)
9.  English Translation Document (*if applicable*)
10.  Information Disclosure  Copies of IDS Statement (IDS)/Form 1449 Citations
11.  Preliminary Amendment
12.  Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
13.  Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
14.  Nonpublication Request under 35 U.S.C.122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35
15.  Other: \_\_\_\_\_

**16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:**

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: / \_\_\_\_\_  
Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

**For CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label		(Insert customer No. or Attach bar code label here)		or <input checked="" type="checkbox"/> Correspondence address below	
NAME		Schlumberger Technology Corporation, Schlumberger Reservoir Completions			
ADDRESS		14910 Airline Road			
		P.O. Box 1590			
CITY	Rosharon	STATE	Texas	ZIP CODE	77583-1590
COUNTRY	U.S.	TELEPHONE	(281) 285-5720	FAX	(281) 285-5537
Name (Print/Type)	Jeffrey E. Griffin		Registration No. (Attorney/Agent): 36,534		
Signature			Date: February 3, 2004		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

031356 US PTO  
10/771065

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Julian R. Cudmore, et al. Attorney Docket No.: 102.0026

Serial No.: Art Unit:

Filed: Examiner:

For: **System and Method for Optimizing Production in an Artificially Lifted Well**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**

I hereby certify that this **Fee Calculation Sheet** (in duplicate) is being deposited with the United States Postal Service as Express Mail No. EV 335954425 US in an envelope addressed to:  
Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Rhonda J. Smith  
Rhonda J. Smith

February 3, 2004  
Date

Rhonda J. Smith  
Schlumberger Technology Corporation  
14910 Airline Road  
Rosharon, Texas 77583-1590

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# FEE TRANSMITTAL For FY 2004

Effective 01/01/2003. Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT \$1436

Complete if Known			
Application Number			
Filing Date			
First Named Inventor			Julian R. Cudmore, et al.
Group Art Unit			
Examiner Name			
Attorney Docket Number			102.0026

## METHOD OF PAYMENT (Check all that apply)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **50-2475**  
 Deposit Account Name **Schlumberger Technology Corp.**

 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.172.  Payment Enclosed: Check     Money Order     Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
1001	770	Utility filing fee	\$770
1002	310	Design filing fee	
1003	480	Plant Filing fee	
1004	760	Reissue filing fee	
1005	160	Provisional filing fee	

SUBTOTAL (1) **\$770**

## 2. EXTRA CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
57	-20 =	37	\$18.00 = \$666
3	-3 =	0	\$86.00 = \$0
			=

Large Entity Fee Code	Small Entity Fee Code	Fee Description
1202	18	Claims in excess of 20
1201	86	Independent claims in excess of 3
1203	290	Multiple dependent claims
1204	84	**Reissue independent claims over original patent
1205	18	**Reissue claim in excess of 20 and over original patent

SUBTOTAL(2) **\$666**

## 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet.	
139	130	Non-English specification	
147	2,520	For filing a request for reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1840*	Requesting publication of SIR after Examiner action	
115	110	Extension for response within first month	
116	380	Extension for response within second month	
117	870	Extension for response within third month	
118	1,360	Extension for response within fourth month	
128	1,850	Extension for response within fifth month	
119	300	Notice of Appeal	
120	300	Filing a brief in support of an appeal	
121	260	Request for oral hearing	
138	1,510	Petition to institute a public use proceeding	
140	110	Petition to revive unavoidably abandoned application	
141	1,210	Petition to revive unintentionally abandoned application	
142	1,210	Utility issue fee	
143	430	Design issue fee	
144	580	Plant issue fee	
122	130	Petition to Commissioner	
123	50	Petitions related to provisional applications	
126	240	Submission of Information Disclosure Stmt	
581	40	Recording each patent assignment property (times number of properties)	
146	760	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

SUBTOTAL(3) **\$0**

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Typed or Printed Name

Jeffrey E. Griffin

Complete (if applicable)

Reg. Number **36,534**

Signature

Deposit Account User ID

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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